

ERECTABLE CANOPY WITH REINFORCED ROOF STRUCTURE

ABSTRACT OF THE DISCLOSURE

The lightweight erectable canopy shelters include a plurality of legs connected together by an extendible perimeter assembly of link members. In one embodiment, the roof structure is formed by a pole members pivotally mounted to the upper ends of the legs so as to extend across the shelter, and movable between a lowered position and a raised, upwardly arching position. The pole members are pivotally coupled to a central hub, and each of the pole members comprises pole sections hinged to permit downward folding and upward unfolding until they are fully extended. Corner support strut members are pivotally mounted to the legs, to be rotatable upwardly to engage and support the pole members. In an alternate embodiment, opposing sides of the shelter are connected together by a central assembly of link members, and at least one of the sides of the shelter is raised, being formed by a pair of first and second link members dimensioned so as to extend above the upper ends of the legs when the shelter is in an extended configuration.